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VDX-6328



CPU: Fanless Vortex 486 class 86DX running at 800MHz

256MB or 512MB of on-board DDR2 RAM

Compact Flash socket

Extended Temperature Range -20 ° C (-4° F) to 70° C (158° F)

10/100 Base-T Ethernet

3 x USB 2.0 Ports

4 x Serial Ports (VDX-6328)

Audio Input & Output (VDX-6328)

Supports PC/104 and PCI-104 Interfaces

(Optional) Industrial Wide Temp -40 to 85°C

The VDX-6328 utilizes an onboard Vortex86DX Fanless 800MHz processor built for Ultra Low Power Consumption. The processor is highly integrated thus reducing the price of the board. The VDX-6328 comes with a PC/104 bus connector and a PCI-104 bus connector which allows it to utilize higher end PCI bus based modules. The VDX-6328 has a fully static 32-bit 486 class X86 processor and is PC compatible allowing it to run most popular 32-bit Operating Systems such as DOS, Windows and Linux. The Video Chip (Volari Z9s) features 32 MB onboard video memory supporting Analog VGA monitors and TFT/LVDS Flat panel interfaces and has a resolution of up to 1280x1024 @ 16M colors. In addition to video, three USB 2.0 ports are available as well as one Parallel port (SPP/EPP/ECP modes), an

UltraDMA – 100/66/3 EIDE port (which supports up to 2 IDE devices), five RS-232 and one RS-232/422/485 serial ports. The VDX-63 can run at temperatures of -20 ° C (-4° F) to 70° C (158° F). The numerous features provide an ideal price/performance solution for	
Specifications SLC 1 ypc.	
486 Single Poard Computers Processor Processor. Vortex86DX Fanless	
	Clock Speed:
	800 MHz
Real Time Clock:	
Processor Misc.:	
L1:16K I-Cache, 16K D-Cache L2 Cache 128KB	
Real Time Clock with Lithium Battery Backup	
Memory	
Memory Bros/ Boolloader:	
AMI BIOS	
Primary Flash:	
Compact Flash Card Type I/II Socket	
Secondary Flash:	
On-board 4MB SPI Flash Chip (DOS can boot & run from the on-board SPI Flash)	
Memory Misc.:	
Optional Memory: 256MB DDR2	
Primary I/O	
1x 16 bit General Purpose I/O	
Disk Interface:	
1x Ultra DMA 100/66/33	
which supports 2x IDE Drives	
Video Out:	
CRT/LCD 32MB	
Audio:	
on-board CM119 USB Audio Controller with Mic-In/Line-In/Line-Out	
Ethernet:	
10/100 Base-T Ethernet	
USB:	
3x USB 2.0	
Serial Ports:	
5x RS-232	
1x RS-232/422/485	
1x Parallel SPP/EPP/ECP	
Watchdog:	
Secondary I/O Thiners/ Counters/ PWM:	
16~24 channels of PWN	
LPT Port:	
Keypad:	

PS/2:
Secondary I/O Misc.:
JTAG Interface
Analog on A.D.
D/A:
Dimensions Dimensions.
$4.01 \times 5.67 \text{ in}$
Form Factor:
Half EBX
Power Requirements Typical Current.
840 mA
Typical Voltage:
5 V
Environmental Low Operatung Temperature:
-20 C
High Operating Temperature:
70 C
Environmental Misc.:
Optional Temperature: -40 to 85°C
Pricing VDA-0328RD-NF
Vortex86DX 800MHZ, 256MB RAM, Compact Flash, IDE, 4x COM, 3x USB2, LAN, VGA, LVDS, (-20°C to +70°C)No Floppy
\$292.00
Parent Product:
VDX-6328D-NF-512
Vortex86DX 800MHZ, 512MB RAM, Compact Flash, IDE, 4x COM, 3x USB2, LAN, VGA, LVDS, (-20°C to +70°C) No Floppy
\$312.00
Parent Product:
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